LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
Data File : VN084874.D
Acq On : 15 Nov 2024 17:12
Operator : JC\MD
Sample : P4853-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN084874.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.324	50	63	90	rBV	313628	1582996	49.23%	21.136%
2	2.813	141	146	150	rBV	35412	51965	1.62%	0.694%
3	4.424	409	420	430	rBV	184608	555300	17.27%	7.414%
4	4.501	432	433	446	rVB3	22445	45819	1.42%	0.612%
5	4.736	456	473	490	rBV	60583	236308	7.35%	3.155%
6	7.483	930	940	951	rBV	23033	58969	1.83%	0.787%
7	7.806	985	995	1008	rVB3	71150	184684	5.74%	2.466%
8	8.577	1115	1126	1133	rBV2	64719	149705	4.66%	1.999%
9	9.100	1206	1215	1224	rBV	136485	277313	8.62%	3.703%
10	10.377	1426	1432	1438	rBV2	18860	38905	1.21%	0.519%
11	10.441	1438	1443	1450	rVB2	19656	36361	1.13%	0.485%
12	10.565	1456	1464	1468	rBV	208626	379408	11.80%	5.066%
13	10.630	1468	1475	1487	rVB	1750917	3215536	100.00%	42.933%
14	11.865	1677	1685	1696	rBV	180916	323182	10.05%	4.315%
15	12.847	1846	1852	1860	rVB2	134671	229992	7.15%	3.071%
16	13.729	1992	2002	2009	rBV	34398	72020	2.24%	0.962%
17	13.871	2021	2026	2033	rVB2	30292	51216	1.59%	0.684%

Sum of corrected areas: 7489679

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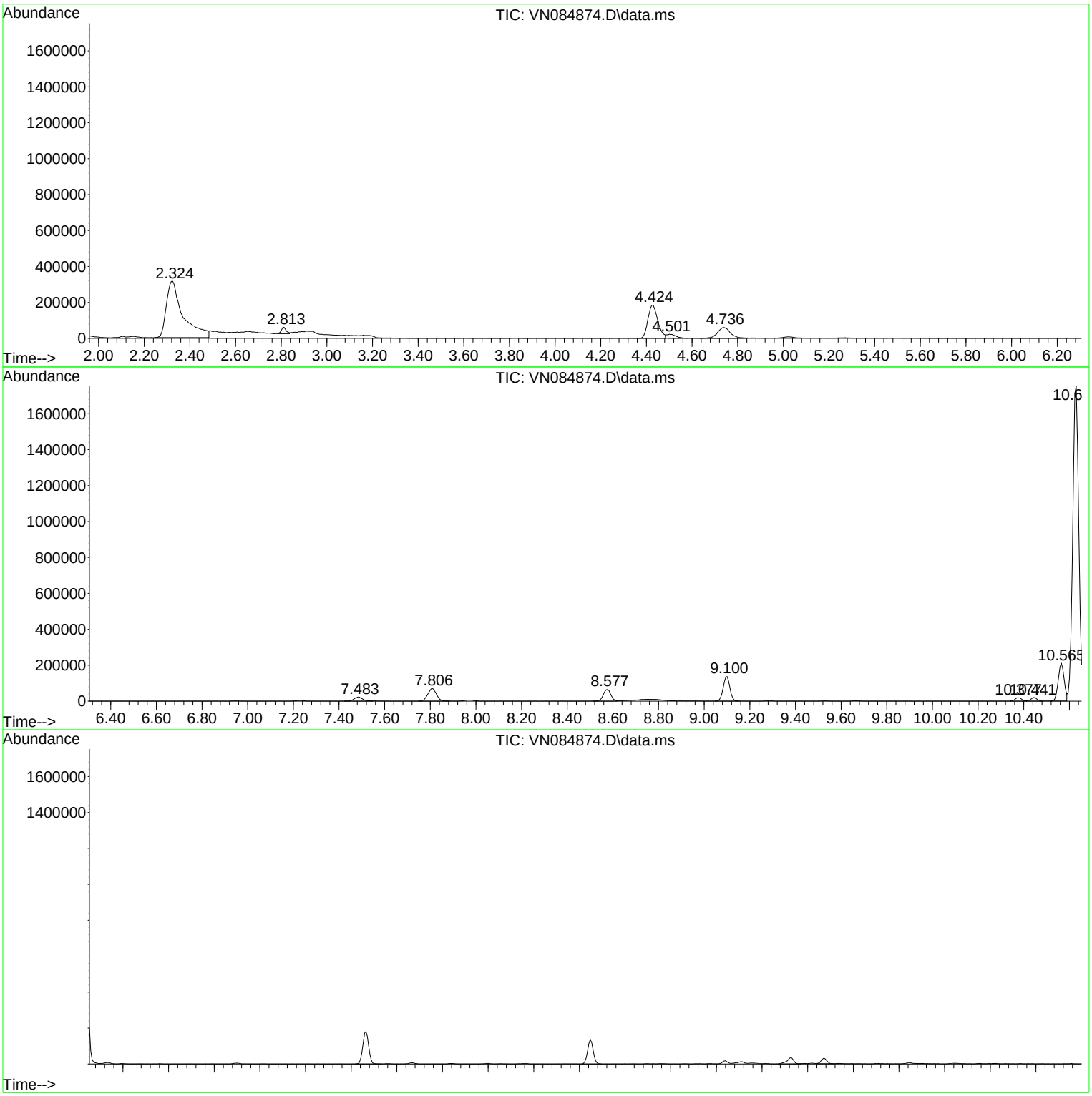
001-WILLETS-PT-BLVD(NOV)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
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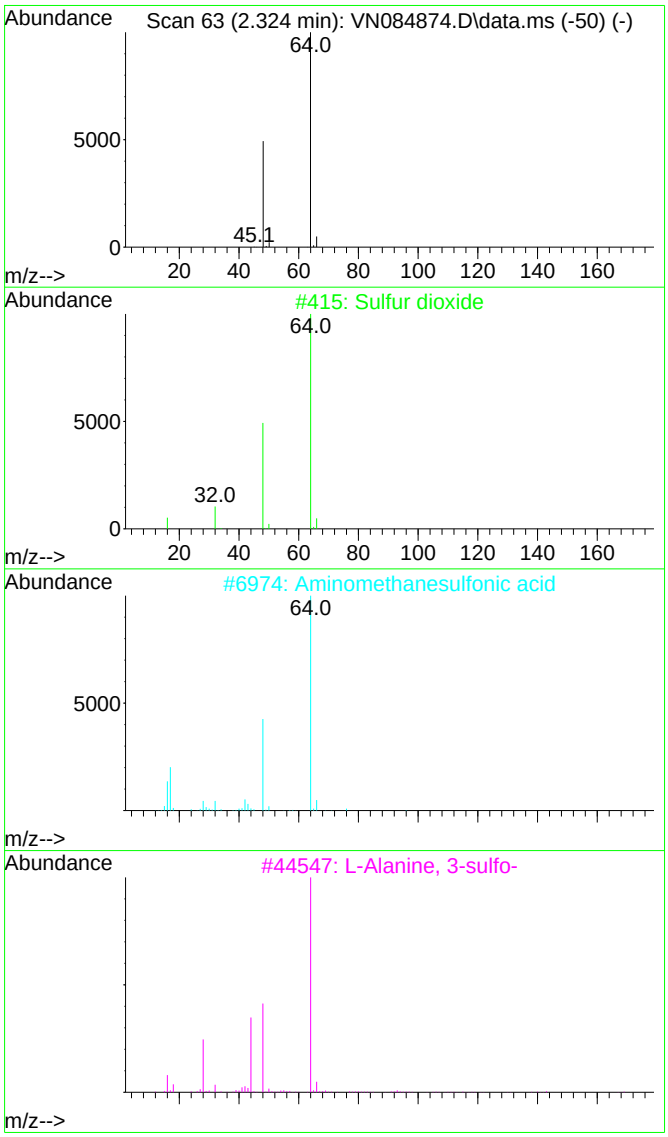
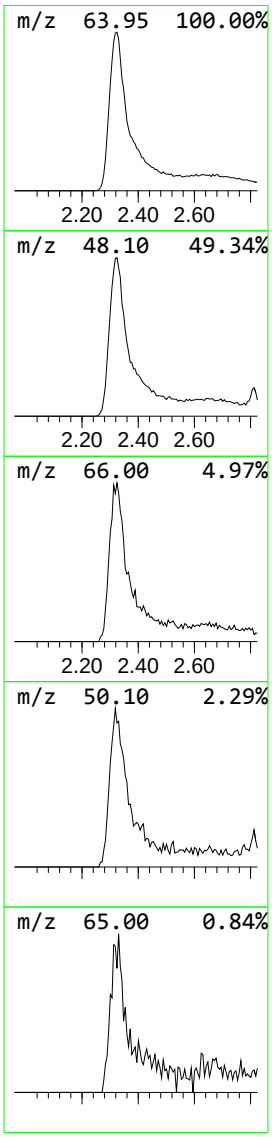
****
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.324	257.14 ug/l	1583000	Bromochloromethane	7.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
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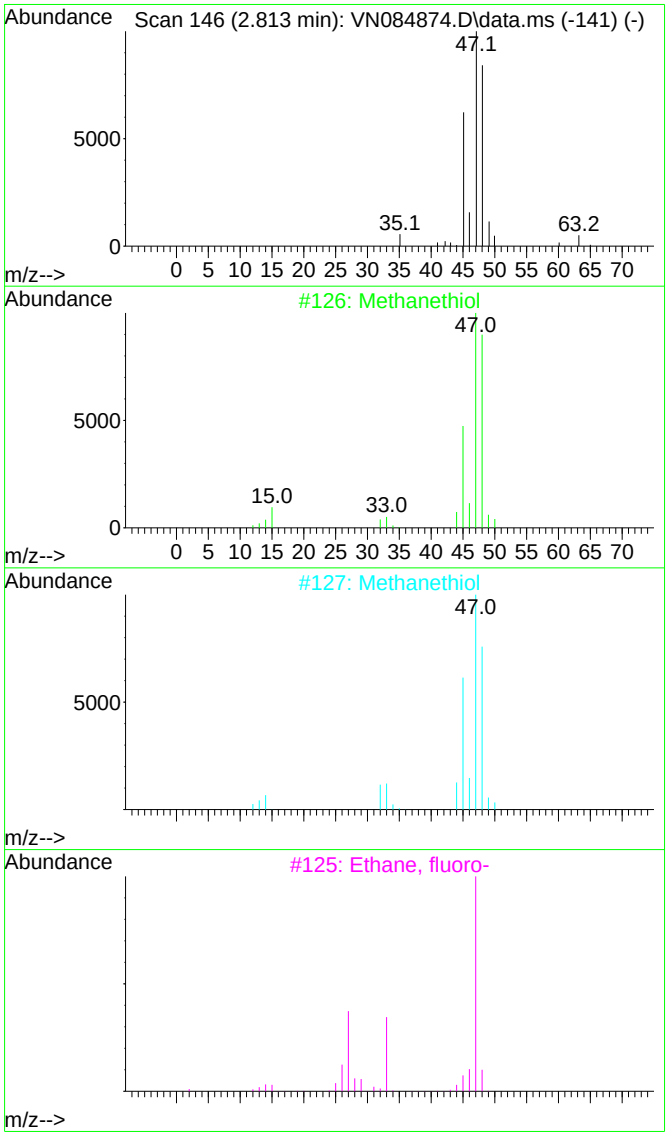
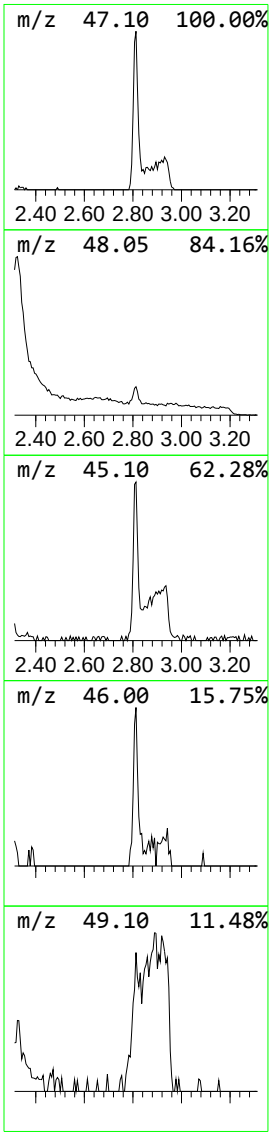
****

Peak Number 2 Methanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.813	8.44 ug/l	51965	Bromochloromethane	7.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	90
2	Methanethiol	48	CH4S	000074-93-1	90
3	Ethane, fluoro-	48	C2H5F	000353-36-6	4
4	Ethane, fluoro-	48	C2H5F	000353-36-6	4
5	Nitrous acid	47	HNO2	007782-77-6	4





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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
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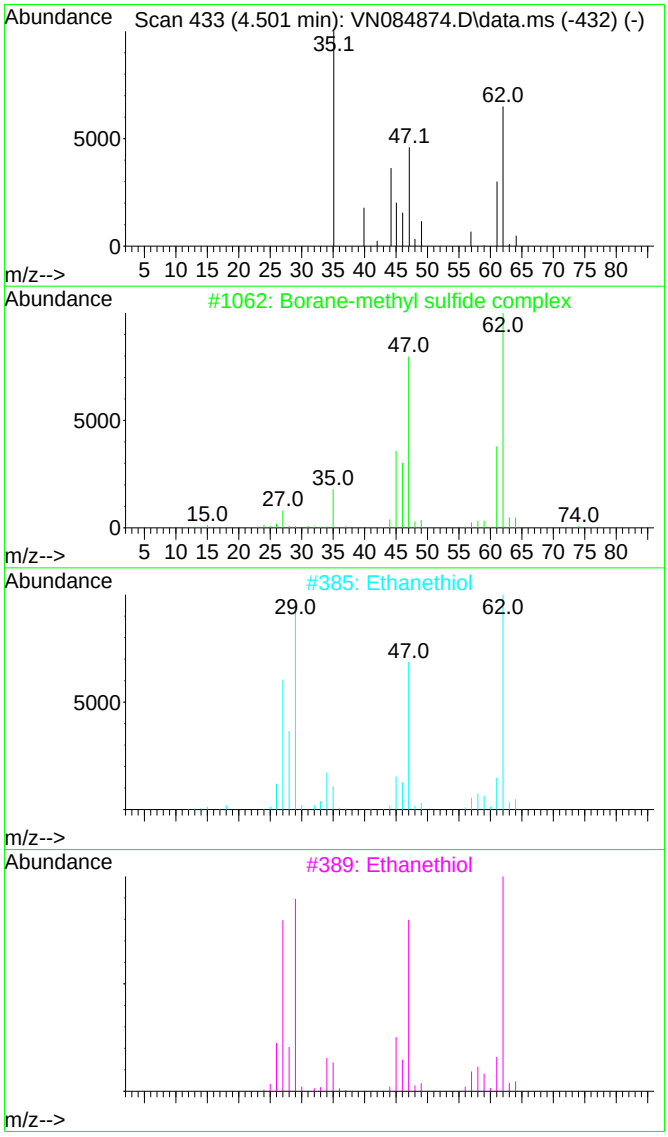
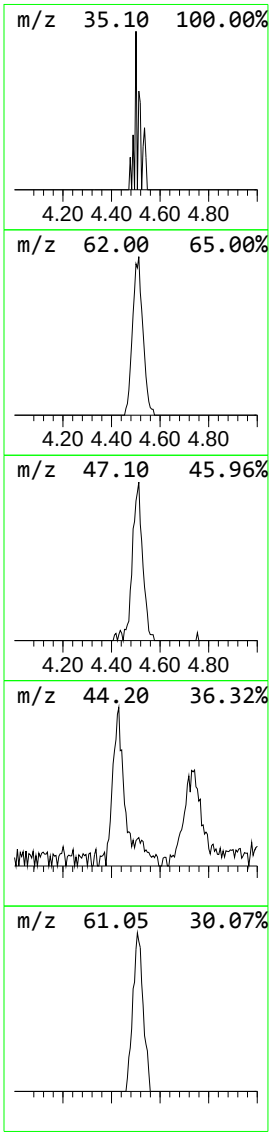
****
Peak Number 3 unknown4.501 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.501	7.44 ug/l	45819	Bromochloromethane	7.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	35
2	Ethanethiol	62	C2H6S	000075-08-1	30
3	Ethanethiol	62	C2H6S	000075-08-1	30
4	Ethanethiol	62	C2H6S	000075-08-1	30
5	Ethanethiol	62	C2H6S	000075-08-1	27





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Instrument :
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001-WILLETS-PT-BLVD(NOV)

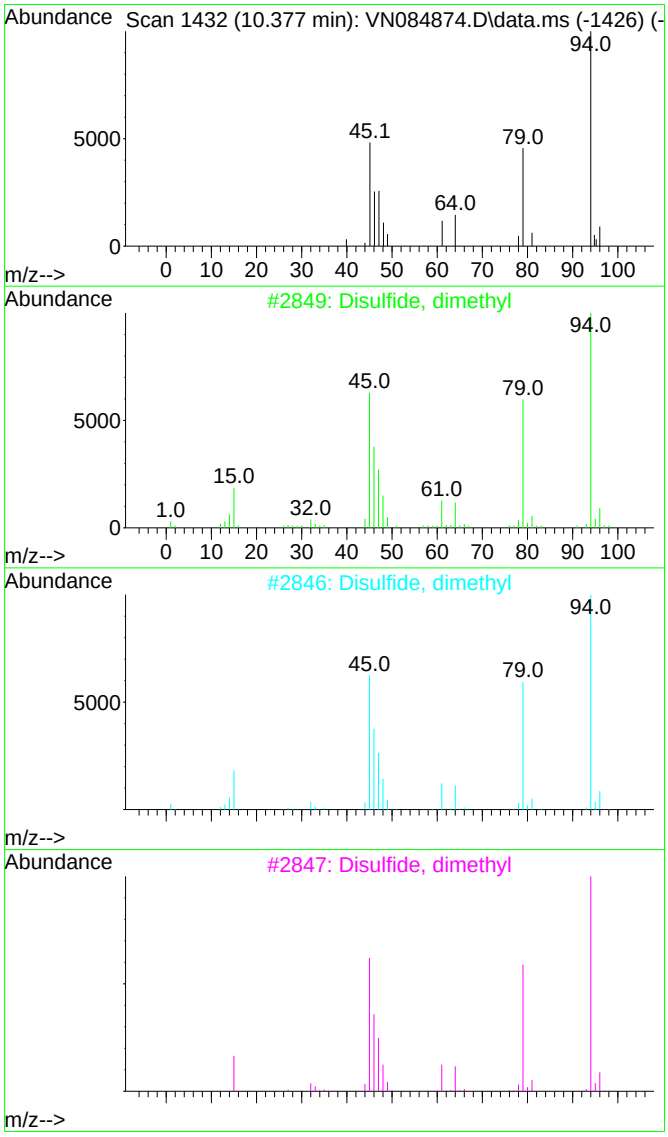
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

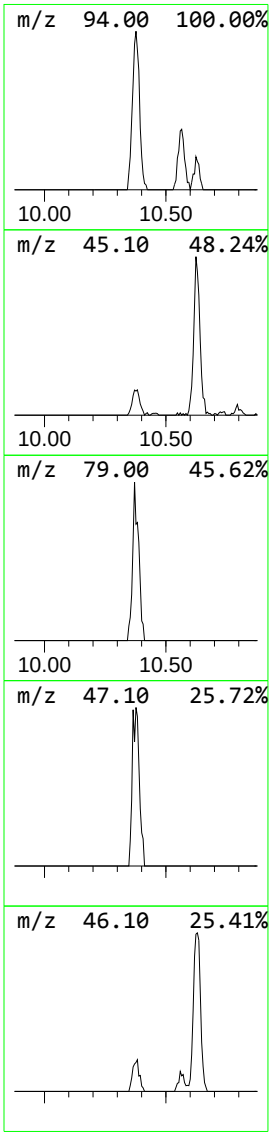
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Disulfide, dimethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.377	4.21 ug/l	38905	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	91





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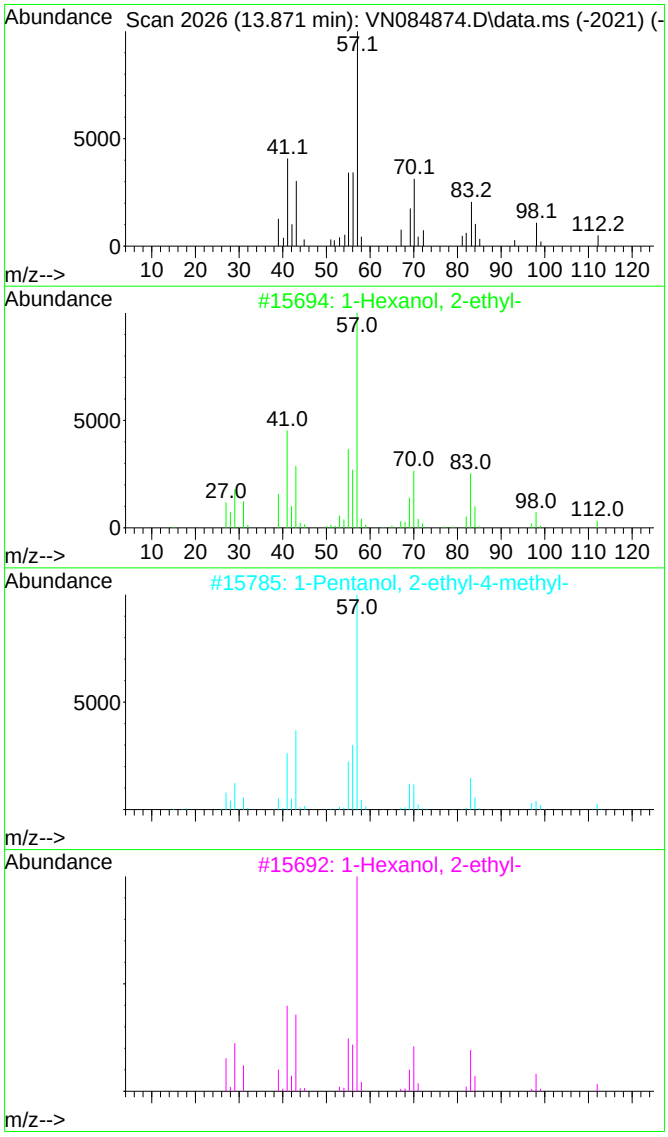
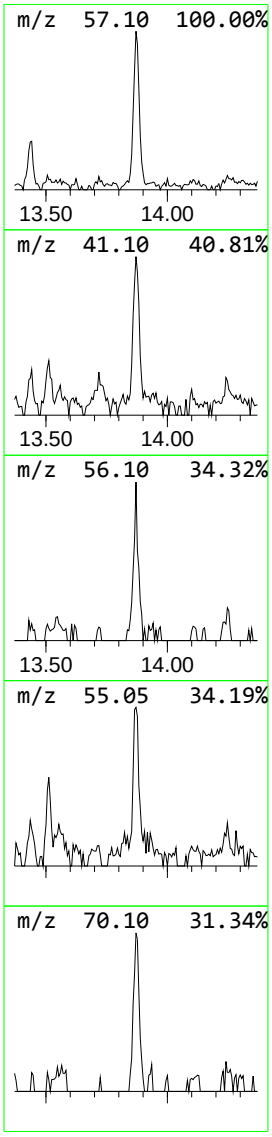
****
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.871	4.75 ug/l	51216	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
5	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	59





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.324	257.1	ug/l	1583000	1	7.806	184684	30.0
Methanethiol	2.813	8.4	ug/l	51965	1	7.806	184684	30.0
unknown4.501	4.501	7.4	ug/l	45819	1	7.806	184684	30.0
Disulfide, dime...	10.377	4.2	ug/l	38905	2	9.100	277313	30.0
1-Hexanol, 2-et...	13.871	4.8	ug/l	51216	3	11.865	323182	30.0